

Assigned DOGM File No.: S / /

DOGM Lead: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5291  
Fax: (801) 359-3940

**NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS**

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

\* \* \* \* \*

**I. GENERAL INFORMATION (Rule R647-3-104)**

1. Name of Mine: Unique Minerals #2
2. Name of Operator/Applicant: Richard L Stone  
Company ( ) Corporation ( ) Partnership ( ) Individual (☒)
3. Permanent Address: 1359 Park St  
City: SLC State: UT Zip Code: 84105  
Telephone Number: (801) 466 2006
4. Ownership of Land Surface:  
Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State Trust Land/School Sections ☒ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____

5. Ownership of Minerals:Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐State Trust Land/School Sections ☒ State Sovereign Lands ☐

Other (please describe): \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_

Utah Mining Claim Number(s): \_\_\_\_\_

Utah State Lease Number(s): 48054Name of Lessee(s) Richard L Stone

## 6. Have the above surface and mineral owners been notified in writing?

Yes X No \_\_\_\_\_

If no, why not? \_\_\_\_\_

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes X No \_\_\_\_\_II. PROJECT LOCATION & MAP (Rule R647-3-105)

## 1. Project Location (legal description):

County(ies): Millard

NW 1/4, of W2 1/4, of SE 1/4: Section: 2 Township: 17S Range: 13W  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

## 2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

**III. OPERATION PLAN (Rule R647-3-106)**

1. Type of mining: Surface ☒ Underground ☐
2. Mineral(s) to be mined: Rock Waste Piles slate
3. Provide a brief description of the proposed mining operation and onsite processing facilities. This a Placer operation cleaning up Tailings and Rock waste Piles using Front end loader & Trucks & Cat

None☐ New Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)None☐ Improved Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)Total project surface acreage to be disturbed: 5 (acres)Proposed startup date of project (month, year) Oct 1998

Proposed completion date of project, if known (month, year) \_\_\_\_\_

**IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)**

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.

10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. **VARIANCE REQUEST** (Rule R647-3-110)

Yes ☒ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	<u>No topsoil Available - These are strictly Waste rock Piles</u>
_____	_____
_____	_____
_____	_____

VI. **PERMIT FEE** [Mined Land Reclamation Act 40-8-7(i)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (i)] provides the authority for fee implementation which was approved by the Utah Legislature at its 1998 session. Commencing July 1, 1998, the fees are assessed to new and existing notices of intention, and annually thereafter.

*Small Mining Notices require a \$100.00 fee which must accompany this application.*

VII. **SIGNATURE REQUIREMENT**

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

Richard L. Stone  
Richard L. Stone  
\_\_\_\_\_  
Sept 29, 1998



# **ROGERS RESEARCH & ANALYSIS COMPANY**

2340 South Redwood Road (1700 W.) • Salt Lake City, Utah 84119 • Phone (801) 973-4637

**CLAIR W. ROGERS, President**

Larry McCurdy  
2125 W. 12920 So.  
Riverton, Utah 84065

April 2, 1998

## **DIFFRACTION ANALYSIS**

1. <b>CALCITE</b> $\text{Ca CO}_3$ or Calcium Carbonate	46.14%
2. <b>KAOLINITE</b> $\text{Al}_2 \text{Si}_2 \text{O}_5 (\text{OH})_4$ or Aluminum Silicate Hydrate	26.12%
3. <b>QUARTZ</b> $\text{SiO}_2$ or Silicon Dioxide	15.03%
4. <b>CHINOCLORE</b> $(\text{Mg}, \text{Fe})_6 (\text{Si}, \text{Al})_4 \text{O}_{10} (\text{OH})_2$ or Magnesium Iron Aluminum Silicate Hydrate	12.11%

## **OTHER ELEMENTS AND THEIR COMPOUNDS**

<b>ARSENIC</b>	<b>TRACE</b>	<b>NICKLE</b>	<b>TRACE</b>
<b>BARIUM</b>	<b>.1%</b>	<b>RUBIDIUM</b>	<b>TRACE</b>
<b>CHROMIUM</b>	<b>TRACE</b>	<b>STRONTIUM</b>	<b>.3%</b>
<b>COBALT</b>	<b>TRACE</b>	<b>TIN</b>	<b>TRACE</b>
<b>COPPER</b>	<b>TRACE</b>	<b>TITATIUM</b>	<b>.1%</b>
<b>IRON</b>	<b>4.07%</b>	<b>ZINC</b>	<b>TRACE</b>
<b>LEAD</b>	<b>TRACE</b>	<b>ZIRCONIUM</b>	<b>TRACE</b>
<b>MANGANESE</b>	<b>TRACE</b>		

  
**CLAIR W. ROGERS M.S.**

# CHILE BAR SLATE TECHNICAL DATA

## PARTICLE SIZE

+ 20 Mesh	00.00%
- 20/ + 40 Mesh	12.82%
- 40/ + 80 Mesh	35.15%
- 80/ + 200 Mesh	37.25%
- 200 Mesh	14.78%

**COLOR:** Grey/Black

**CHEMICAL FAMILY:** Metamorphic Stone

## SPECTROGRAPHIC ANALYSIS:

Silicon 62.58%  
Aluminum Oxide 18.22%  
Magnesium Oxide 2.37%  
Sodium Oxide 1.10%  
Titanium Dioxide 0.63%

Ferric Oxide 5.94%  
Calcium Oxide 1.33%  
Loss on ignition 5.02%  
Potassium Oxide 2.34%

**ASBESTOS:** NONE

**MOISTURE:** Very little, all material run through dryer at 300 degrees F.

**WEIGHT:** 75.5 lbs. per cubic foot of 20 mesh

**SOLUBILITY:** Insoluble in water.

**FLASH POINT:** Will not burn

**ODOR:** None

**Note:** MSDS sheets available on request.